IT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		IT - 20766 -	
		VAT - 83064 -	
		Cess - 20766 -	
		CST - 2077 -	
		Roy - 50269 -	
		Total - 178942=00	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260750

Serial No. 1st and final Bill

Name of Work ..... From ..... To BR-7

Name of Contractor of nature of Agency ..... B. B. Umesh

Date of commencement of work ..... D.O. Recording. 29/05/2018 29-5-18

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Name of Work : Development of Suvarna Mahotsava Ground in Ward no. 09 of Vidyaranya pura Sub-Division (Charge of Work - Drop to metaling and Asphalting at Virupaksha pura Morarji Temple to Indira Express Upat Road in Ward no. 09 of Vidyaranyapura Sub-Division)						
	Estimated Cost =	Rs. 9.00 Lakhs					
	NIB. no =	009-11-000094					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Work order no = EE/BTP/BBMP/PMU-1/ dt 06.05.2015						
(1)	Earthwork Excavation by manual means in hard soil, involving an average horizontal throw upto 2m and an average lift upto 0.30m, Excavated surface levelled and sides neatly dressed, the disposed Earth to be levelled neatly after breaking clods etc complete as per specifications and directions of Engineer-In-charge of Work.						
	Qty vide this MB P.260789						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
(2)	Scarifying Existing thickness along with up scarified materials with le of the damaged a prepared base and c macadam specifica

BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurement 8
			06.05.2015

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	etc complete as per specifications and directions of Engineer-In-charge of work.						
			Qty vide this MB 260791				
			p.w. 260791			∑(1) = 104042	
						@ 87.07/42 = 90553.00	
37)	Providing laying, spreading and compacting graded stone aggregate to WBM macadam specifications including procuring the material with lead at site in mechanical mix plant conveying mixed material by tipper to work site, laying in uniform layers with						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	Part in sub-b Supplies and Comp achieve the desired cations and direc
	4) cleaning the earth

BOOK

ions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260752

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Panning in sub-base/base course on well prepared surface and compacting with vibratory Roller to achieve the desired density as per specifications and directions of Engineer-in-charge of work						
	Qty vide MB. No 2607 P. 260620						
	Item (1) =		195.00				
			1340.20				284489.00
	by cleaning the existing WBM Road surface including						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	removing of binding materials and other foreign matter with wire brushes and small picks, sweeping with brooms or soft brushes and finally dusting with old gunny bags and or Compressed air to receive the bituminous treatment including cost of all materials, labour, hire of machineries, surface complete as per specifications and directions of Engineer-in-charge of work.						
	a) 8th B'C Ross-Road	1	30.00	$\frac{4.5+5.1}{2}$	=	144.00	
	E/f of Maruthi Temple	1	30.00	$\frac{5.1+4.6}{2}$	=	145.50	

Nirupatestheppa

Serial No. .....
Name of Work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc
1	2
	Ch 90.00 to
	(b) (Ross-Road
	(c) —"—
	(d) —"—
	(e) —"—

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
other foreign matter weeping was y during works old to become the ny old material, e complete as per men the charge of			
4.5+5.0 / 2	=	144.00	
5.1+4.6 / 2	=	145.50	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260753

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	4.5+5.0 / 2	6	7	8
		1	30.00		2	144.00	
	Ch 90.00 to 114.00	1	24.00	5.0+5.0 / 2	2	120.00	
	(b) Cross-Road - (1)	1	28.00	4.5+5.0 / 2	2	133.00	
	(c) —"— (2)	1	26.60	4.00+5.0 / 2	2	119.70	
	(d) —"— (3)	1	34.00	5.0+5.0 / 2	2	170.00	
	(e) —"— (4)	1	~~30.00~~ 2.50	6.8+6.0 / 2	2	15.00	
		1	~~27.00~~	6.0+5.1 / 2	2	152.62	
						1143.82 m²	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	24.00	5.1+5.20 / 2	=	123.60	
	Pot hole and Road cutting						
	Main-Road I/f Temple	1	5.00	1.60	=	5.10	
		1	2.60	2.30	=	4.60	
		1	2.50	2.50	=	5.00	
		2	2.75	2.00	=	11.00	
		1	2.70	2.10	=	5.67	
		1	2.00	1.80	=	3.60	
						1302.39 m2	
				Lad to		1300.00 m3	
					@	12.81/m3 16653.00	
5)	Providing and applying primer coat with bitumen Emulsion on prepared surface of granular base						

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency ...
Date of commencement of work .....

Date	Full description, etc, of work
1	2
	including cleaning of the rate of 0.60 kg/m2 Complete as per spe in-charge of Work.
6)	Providing and laying using crushed aggre required grade, level

T BOOK

nsions Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
5.1+5.20 / 2	=	123.60	
1.40	=	5.10	
2.30	=	4.60	
2.50	=	5.00	
2.00	=	11.00	
2.10	=	5.67	
1.80	=	3.60	
		1302.39 m2	
Lead to		1300.00 m3	
	@	12.81/m3	16653.00
ent Dirty bitumen			
of granular base			

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260754

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	including cleaning of the rate of 0.60 kg/m2 using mechanical means. Complete as per specifications and directions of Engineer-in-charge of work.	Road surface and spraying primer at					
						Qty as per DI no. (4) = 1300.42 @ 78.23/m2	101699.00
6)	Providing and laying bituminous concrete using crushed aggregates of specified grading to the required grade, level and alignment. Rolling with smooth						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Wheeled Vibratory and tandem Rollers to achive the desired compaction as per morth's specification clause NO. 508. complete in all respects as per specifications using 100-120 TPH Capacity HMP. With sensor paver grading-II (25-37.5mm) With 5% of CRMB-55 grade etc complete as per specifications and directions of Engineer-In-charge of the work.						
	a) 6m 'B' CROSS. I/fof Maramma Temple. (0.00 to 11+400 m)	1	30.00	$\frac{4.5+5.1}{2}$	0.025	3.604	
		1	30.00	$\frac{5.1+4.6}{2}$	0.025	3.63	
		1	30.00	$\frac{4.6+5.0}{2}$	0.025	3.60	
						10.83	

Avg

CBR

29/5/15

Serial No. .....
Name of Work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of
1	2
	(b) CROSS-Road-1
	(c) " 2
	(d) " 3
	(e) " 4
	(e) put-hole for HP

BOOK

ons		Contents	Reference to last Measurement
readth 5	Depth 6	7	8
		...erto achive the	
		...pecification close	
		...per specifications	
		...With sensor pavers	
		...RMB-55 grade	
		...d directions by	
		Avg	
		4.5+5.1/2 0.025 = 3.60	
		5.1+4.6/2 0.025 = 3.63	
		4.6+5.0/2 0.025 = 3.60	
			10.83

C & FC
29/5/15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260755

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	(b) CROSS-Road-1	1	24.00	5.0+5.0/2	0.025 =	3.00	
	(c) —"— 2	1	28.00	4.5+5.0/2	0.025 =	3.32	
	(d) —"— 3	1	26.60	4.0+5.0/2	0.025 =	2.99	
	(e) —"— 4	1	34.00	5.0+5.0/2	0.025 =	4.25	
		1	2.50	6.8+6.0/2	0.020 =	0.40	
		1	27.50	6.0+5.1/2	0.025 =	3.81	
	(e) put-hole filling	1	24.00	5.1+5.2/2	0.025 =	6+2 3.09	
		1	5.00	1.00	0.025	0.125	
		+	2.00	2.30	0.025 =	0.115	
						34.76	31.53

C & FC
29/5/15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	2.50	2.00	0.025	0.125	
		2	2.75	2.00	0.025	0.275	
		1	2.70	2.10	0.025	0.141	
		1	2.00	1.80	0.025	0.09	
					Total	32.564	
				Ltd to		32.50	377692.00
						@ 11624.29/-	
7)	Lead for Disposal of debris shall be payable at carriage rate by mechanical means including loading unloading from 0.00 to 2.00m etc complete as per specifications and directions of Engineer-In-charge of work.						
				Qty as per M.B. No. (1)			

Serial No. .....
Name of Work .....
Name of Contractor of nature of Ag
Date of commencement of work ....

Date	Full description, etc, of w
1	2
	Cert
	certificate
	(1) certified satisfac
	(2) The conten

NT BOOK

Dimensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
2.00	0.025	0.125	
2.00	0.025	0.275	
2.10	0.025	0.141	
1.80	0.025	0.09	
	Total	32.564	
Ltd to		32.50	377692.00
		@ 11624.29/	

hall be payable at
rem including loading
ete complete as per
r Engineer-In-charge.

y as per St No. (1)

M. A. R. 57 (Rule 116)
Measurement Book

No. B

260756

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date 1	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Cost Estimate 25/05	2	312.00	Ltd to		249.60	
						@ 76.33/	19052.00
						Total to	9,34,804.00
	Certificate						
	(1) Certified that the contractor has work done satisfactorily						
	(2) The contractor has removed the debris from worksite						

Assistant Executive Engineer
Vidyaranyapura Sub Division
PRMP, Bangalore - 97

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Sompura Road CR-4 SWB CR-3 CROSS-Road-2 CROSS Road-1 6m BC ROAD-ROAD Vinayakatha pura main Road Maramma Temple Virupakshipura					Note- Work done details Entered in Road Hishtry p.no 42 INDEX Asphalting to Road	↑N

Assistant Executive Engineer
Vidyaranyapura Sub Division
BBMP, Bangalore - 97

Serial No. .....
Name of Work .....
Name of Contractor of nature of Agency .
Date of commencement of work .....

Date	Full description, etc, of work
1	2

Audited & Adm
8518
and Rs 82
Accts Suodi
Byatarayanapu
BBMP

T BOOK

sions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		Note - Work done details Entered in Road History page No 42 INDEX	↑ N
		Asphalting to Roads	
		Assistant Executive Engineer Vidyaranyapura Sub Division BBMP, Bangalore - 97	
		Maramma Temple Virupakshapura	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 260757

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Audited & Admitted for Rs 93480=00					IT - 9348	
	85803=00					NAT - 37392	
	by Cheque					Cur - 9348	
	and Rs 82997=00 by adjustment					CBT - 935	
	Accts Supdt Byatarayanapura Dn BBMP		Asst Engineer Byatarayanapura Dn BBMP			Roy - 25974	
						TOTAL - 82997=00	